

# 520

State of Montana : ss.  
County of Gallatin :

Filed August 15, 1962

at 9:25 o'clock A.M.

Carl Waller  
COUNTY CLERK & RECORDER

By Isla J. Morrow  
DEPUTY

Fee \$ 2.00 Pd.

File No. \_\_\_\_\_

T. 25 R. 6E

DUPLICATE

County Ballwin

LOG

STATE OF MONTANA

MAY 25 1967 ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER**Notice of Completion of Groundwater  
Appropriation by Means of Well**  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner ROY L. HUFFMAN Address BOZEMAN, MONTANADriller VAN DYKEN DRILLING CO. Address BOZEMAN, MONTANADate of Notice of appropriation of groundwater NONEDate well started June 1/67 Date completed June 6/67Type of well DRILLED Equipment used CABLE TOOLS.  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground  
(Elev. above sea level \_\_\_\_\_)

0-15' Claybound coarse gravels and sand. Dry.

15-52' Yellow clays. Dry.

52-69' Claybound clays. Dry.

69-182' Claybound sands. Wet 170'

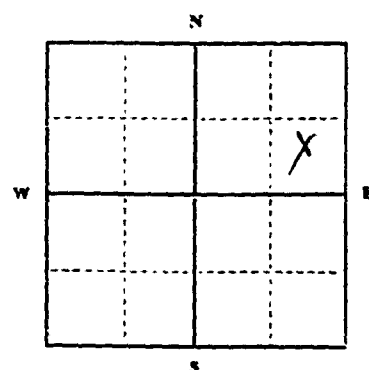
182-190' Clay with sand lenses. Little water.

192-197' Clay with sand lenses with little more water.

197-225' Hard clay with sandstone lenses. water.

I.D. 225'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 17 lb. per ft. Tested	0	197'	none		



SE 1/4 NE 1/4 Sec. 19 T25 R6E

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 145 feet.Shut-in Pressure for Flowing Well nonePumping Water Level 175' feet  
at 10 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested BailerLength of Test 3 Hrs.Remarks: (Gravel packing, cementing, packers, type of shutoff) Puddled clay shutoff out-of casing.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

LICENSE NO. 1

Driller's License Number

Driller's Signature

44-202

2148

State of Montana )  
County of Gallatin ) ss.

Filed March 22, 1968  
at 1:45 o'clock P. M.

Carl L. Stucky  
County Clerk & Recorder

By L. O. Waters  
Deputy

Fee \$ 2.00 Pd.

File No. \_\_\_\_\_

DUPLICATE

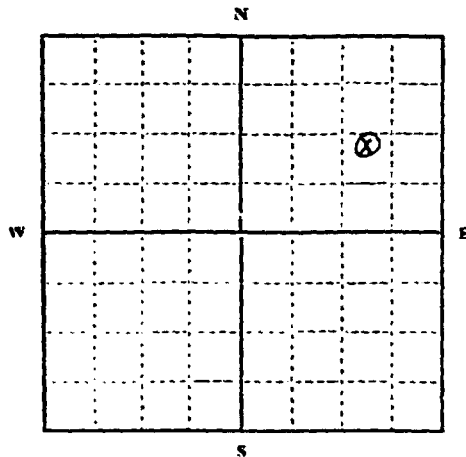
T 18 R 6 E  
County GallatinSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Roy E. and Marga Ruffean, of Sourdough Road, Rte 2 Bosman  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NE  $\frac{1}{4}$  Sec. 19 T. 25 R. 6 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based household, garden, shrubs, lawn, and other grasses.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since July 1949
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 2.44 acres, described as Tract 13 of Longacres suburb of Bosman.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump from well located immediately south of residence.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled during July of 1949
8. The depth of water table 25 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 45 feet deep with 6 inch casing.
10. The estimated amount of groundwater withdrawn each year 750,000 gallons
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner \_\_\_\_\_

Date Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33412

1273

12-30-1903  
at 11.19  
By Carl Waller  
Fee 2.00

File No. ....

T 25 R 6 E

DUPLICATE

County Galatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CCDE  
OFFICE OF STATE ENGINEER

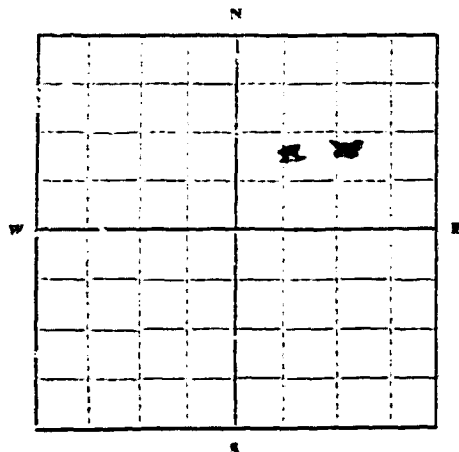
DEC 30 1965  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Vincent E. Iverson & Mary A. Iverson of R.R. 2 Box 14 A Bozeman  
(Name of Appropriator) (Address) (Town)

County of Galatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 19 T. 25. R. 6 E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 1, 1962  
Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 GPM
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Land irrigated is 7.5 acres  
Iverson owner
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Well and pump for "Duplex"
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Commenced July 30, 1962  
Completed Aug. 1, 1962
8. The depth of water table 4'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
Well for domestic use 5 1/2' deep casing surface is 5 1/2' Black Steel  
6 1/2" O.D. 15"
10. The estimated amount of groundwater withdrawn each year Domestic use for "Duplex"
11. The log of formations encountered in the drilling of each well if available  
Surface to 4' Topsoil - 4' to 8' Clay - 8' to 19' Gravel - 19' to 29' Sandy clay  
29' to 30' Gravel - 30' to 47 1/2' Sandy clay - 47 1/2' to 49' Sand & gravel -  
49' to 52 1/2' Sandy clay.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
Map 2 in Block B of Meadowlark, a 259 Rearrangement of portion of  
lots 30 through 37 of Buier's Subdivision in Galatin County

Signature of Owner Vincent E. Iverson

Date July 3, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

12651

VE 10 72 CE

State of Montana ss.  
County of Gallatin  
December 27,  
Filed 11:40 A. 1968  
Earl Walton Clerk M.  
COUNTY CLERK & RECORDER  
By John T. Morrow  
2.00 Pd. DEPUTY  
Fee \$

File No. \_\_\_\_\_

DUPLICATE

T. 25 R. 6 E

County Gallatin

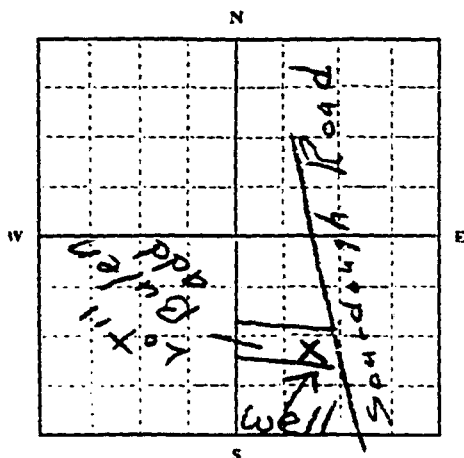
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 15 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Shirley Hoy Johnson, of Rt. 2 Bozeman  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 19 T. 25 R. 6 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based  
On a well used for house and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 and continuous since that time
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
1500 gallons per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
one half acre, yard, garden and crops
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

Wlw Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1956
8. The depth of water table 15 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch well, 81 feet deep, electric pump
10. The estimated amount of groundwater withdrawn each year 800,000 gallons per yr.
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Shirley Hoy JohnsonDate 12-30-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33426



1287

State of Montana /  
County of Gallatin / ss.

Filed 12-20, 1958

at 11:33 o'clock A.M.

Paul Walton  
COUNTY CLERK & RECORDER

By R  
DEPUTY

Fee \$ 2.00

RECEIVED

County Gallatin 19

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Don W LIEBSON

Address Box 1410

Bozeman Mont

Date well started March 7, 1972

completed March 10, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

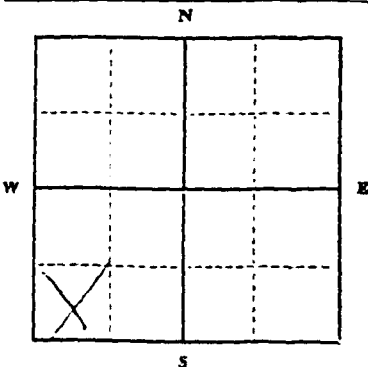
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	6 5/8" O.D. 17#	1 1/2' above Ground	60'	—	—	—



SW 1/4 SW 1/4 Sec. 19  
T. 2 N. R. 6 E. S. 19

Static water level 27 1/2 ft.\*  
Pumping water level 62 ft.\*  
at 8 gallons per minute,  
measured 1 hr. minutes after pumping began.  
\*Measured from ground level.  
Well developed by Boiler  
for 1 hours.  
Power        Pump        HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Donald C. Jensen

Driller's Address 3107 Bridger Dr.

Bozeman, Montana

LICENSE NO. 17

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	10	Clay
10	21	Gravel
21	28	Gravel bound in Clay
28	35	Static water level
35	36	Sandy Clay
36	44	Sand
44	57	Gravel bound in Clay
57	61	Clay
61	62	Gravel in Clay
62	70	Sand & Gravel
70		Clay

70 ft. Show exact depth of bottom

50,261

#3065

State of Montana } 96.  
County of Gallatin }  
Filed April 24, 19 72  
at 9:15 o'clock A.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Frederick A. Bridges  
Deputy  
Fee \$ 7.00 pd.

File No.

T. R.

DUPLICATE

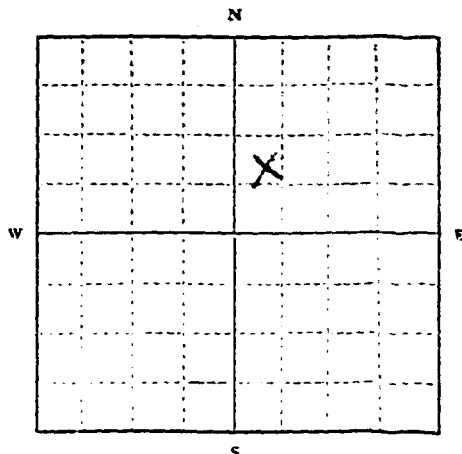
County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank J. Pickett  
Yvonne Bost Pickett of Sourdough (Route 21, Sourdough)  
(Name of Appropriator) (Address)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 19 T28 R6E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based water for private residence, irrigation or lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been November 1947  
continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
lawn sprinkler irrigation about 1 acre of yard
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
driven well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October 1947-November 1947
8. The depth of water table 65'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 65 feet deep and 4" in diameter
10. The estimated amount of groundwater withdrawn each year 126,100 gallons
11. The log of formations encountered in the drilling of each well if available  
not known
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
none

Signature of Owner

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35121

147

State of Montana  
County of Gallatin ss.  
I, \_\_\_\_\_, Clerk of said County, do hereby certify that  
the within and foregoing is a true and correct copy of the  
original as the same appears from the records of said County.  
Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_ A.D. 19\_\_\_\_  
at \_\_\_\_\_ Montana.  
\_\_\_\_\_  
Clerk of said County  
Fee \$ \_\_\_\_\_

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

## NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner R. R. & Mary W. REMME

Address Route 3, Box 1

Bozeman, Mont. 59715

Date well started March 31, 1972

completed April 4, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\* Describe**

**USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	6 $\frac{5}{8}$ " O.D. 17#	15' above ground	90 $\frac{1}{2}$	—	—	—

Static water level 31 ft.\*  
Pumping water level 91 ft.\*  
at 15 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.

Well developed by Pump

for ..... hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,  
packers, type of shutoff) .....

Lot 42, Bulen's Subdiv.

..... 1/4 ..... 1/4 Sec. 19

T. ~~28~~..... N R. ~~63~~..... E  
S..... W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Ronald C. Jones

Driller's Address 2147 Snyder Dr.

Bozeman, Montana

LICENSE NO. 17

## DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

[illegible]

91.5% Show exact depth of bottom

52,247

#3181

State of Montana ss.  
County of Beahm  
Filed Jan 10, 1973  
at 3:25 o'clock P.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Leult A. Bridges  
Deputy  
Per 32 pd.

File No. \_\_\_\_\_

T 25 R 6 E

DUPLICATE

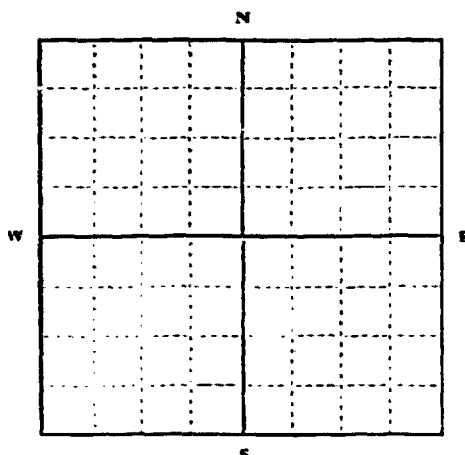
County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Mr. and/or Mrs. George B. Rowe, of Bozeman  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 19 T25 R6E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

Tract 2504000000

2. The beneficial use on which the claim is based Residence and Lawn and Garden.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1951
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 Gallons Per Minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Lawn—Approx. 200x200 Ft.  
Garden—50x35 Ft.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump Well Located in Basement of dwelling

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Jan. 1, 1951
8. The depth of water table Well is 85 Ft. Deep/ Water Table is 25 Ft. From Surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 in Casing. Well is 85 Ft. Deep
10. The estimated amount of groundwater withdrawn each year 350,000 gallons
11. The log of formations encountered in the drilling of each well if available Not Available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner \_\_\_\_\_

Date \_\_\_\_\_

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33256



#1112

State of Montana / ss.  
County of Gallatin /

Filed December 27, 1963

at 3:35 o'clock PM

**EARL WALTON**

COUNTY CLERK & RECORDER

By Helma Fiddler

DEPUTY

Fee \$ 2.00

File No. \_\_\_\_\_

T. 2S R. 6E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

OCT 8 1963

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Fred J. Sanford & Carol Ann Sanford Address Reedy Lane

Driller M. E. Jones Address 20 E. 2nd St., Bozeman, Mont.

Date of Notice of Appropriation of Groundwater October 3, 1963

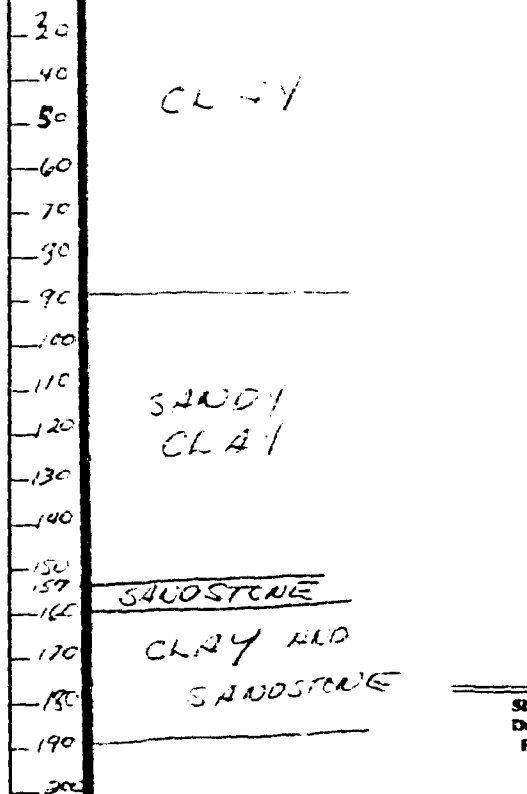
Date well started Aug. 16, 1963 Date Completed Aug. 23, 1963

Type of well Drilled Equipment Used Churn Drill  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)

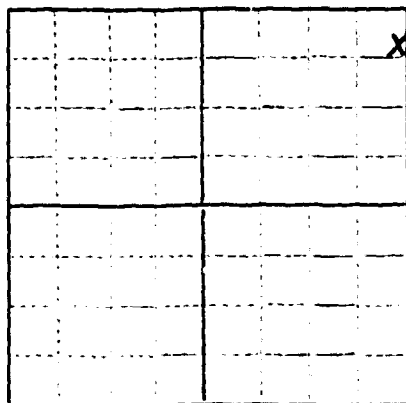
Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground About  
(Elev. above sea level 4900')



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	6 5/8" x 15#	15'	10'			
		above	10'			
		10'				



NE 1/4 Sec. 19 T. 15 R. 6E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 110 feet feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 120' feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested Pump Length of Test one hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) \_\_\_\_\_

Driller's License Number 17

Driller's Signature Milton E. Jones

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

6243

738

State of Montana | ss.  
County of Gallatin |  
Filed October 7, 1963  
at 8:10 o'clock M.  
Bill H. H. H.  
COUNTY CLERK & RECORDER  
By W. J. Morrow  
2.00 P. d. DEPUTY  
e s

T. 2-5 R. 6-E 19  
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Alexander M. and Dorothea A. Schmall Address Rt. 2, Bozeman  
Driller Van Dyken Drilling Co Address Bozeman  
Date Started \_\_\_\_\_ Date Completed 22 Nov 1947  
Location: Sec. 19 T. 2-5 R. 6-E 1/4 sec. NE

Type of well Drilled (Dug, driven, bored, or drilled) Equipment used Churn Drill (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 1 ft. to 75 ft. Type Pipe Size 6 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Neither: Open end

Static Water level, for non-flowing well: 40 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb. sq. in. on: \_\_\_\_\_ (date)

Pumping water level 15 feet at 15 gal. per min.

How tested: Bailer test

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

## Log of Well

Depth, feet		Description of Material Drilled
From	To	
1	15	Dirt
15	20	Gravel
20	75	Gravel and clay

**RECEIVED**

JUN 2 1967

**STATE ENGINEER**

Gallatin County,  
State of Montana)

Filed June 25, 1967  
at 11:55 o'clock P.M.  
*Eugene Walton*  
COUNTY CLERK & RECORDER

By \_\_\_\_\_ DEPUTY

Fees \$\_\_\_\_\_

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Paul A. Schofield, et ux

Address Route 3, Box 38

Bozeman, Mont. 59715

Date well started Nov. 6, 1971

completed Nov. 9, 1971

Type of well Dug

(Dug, driven, bored or drilled)

Equipment used Churn Drill

Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

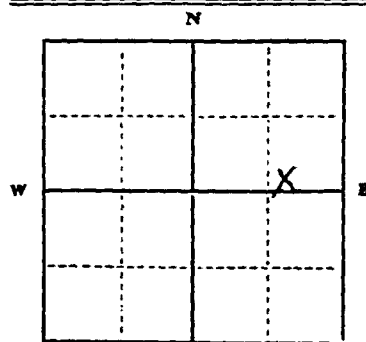
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*Describe**

**USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). .....

## ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	7" O.D. 24#	15' above ground	47' 46 1/2'	—	—	—



In R Bulon's Subdiv.

SE 1/4 NE 1/4 Sec. 19  
T. 2S N R. 6E E  
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Ronald C Jones

Driller's Address 2107 Bridger Dr.

Bozeman, Montana LICENSE NO. 17

### DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

[illegible]

47 ft Show exact depth of bottom

51,884

# 3160

State of Montana } ss.  
County of Gallatin }  
Filed Nov. 27, 1970  
at 9:30 o'clock A.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Luella M. Bradley  
Deputy  
Fee \$ 2.00

File No. \_\_\_\_\_

T. 25 R. 6E

DUPLICATE

County Gallatin

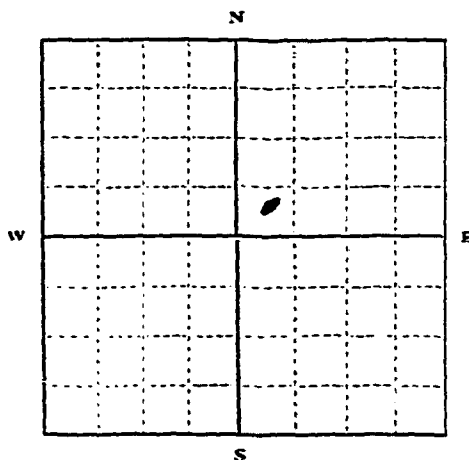
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 15 1962

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. PAUL H. & RUTH H. SCHOFIELD, of SOUL POND ROAD, BOZEMAN  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based well for domestic water supply and storage pond for irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been, October, 1954 and has been used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute), 10 gallons per minute for well and 4 miner's inches for storage pond
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 3 acres in Tract K located in N 1/2 of Section 19, 25, 6E
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1/2 hp. submersible pump well located adjacent to residence in Tract S. in N 1/2 of Sec 19, 25, 6E
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Same as item #3
8. The depth of water table 0 feet for storage pond, 16 feet for well
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well - 6" casing, 7.5 feet deep storage pond 1/2 acre in size average depth 4 feet, adjacent to, but not part of, Soul Pond Creek
10. The estimated amount of groundwater withdrawn each year 60,000 gallons
11. The log of formations encountered in the drilling of each well if available 20 feet clay, remainder in sand, gravel and large boulders
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not Known

Signature of Owner

Paul H. Schofield  
Ruth H. Schofield  
Date 12-30-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33425



1286

1286

State of Montana }  
County of Gallatin }

Filed 12 - 20, 1963

at 11 - 32 A.M.

— Ernest Walton  
COUNTY CLERK

By A-S

Fee \$ 2.00 DEPUTY

File No. \_\_\_\_\_

T. 29R6E

DUPLICATE

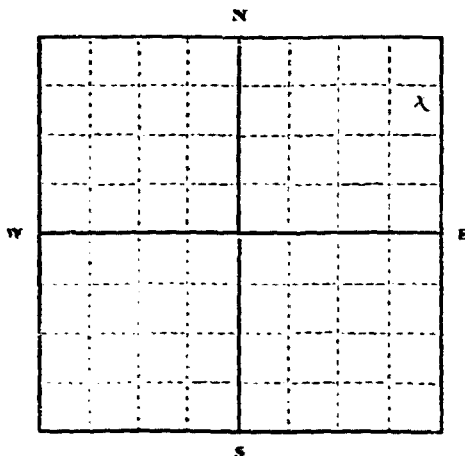
County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. John T. Scott, of Route 2 Bozeman  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 19 T. 2 R. 6

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household, lawn irrigation, & stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well was drilled in July 1949, has been used ever since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) max. of 10 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn irrigation for 125' x 150' ft.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump in basement
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1949
8. The depth of water table 35 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well with 5 in casing & 5 ft. deep
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner John T. Scott  
Date 12/22/65

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33321

1181

County of \_\_\_\_\_ ss.  
Filed 12-30 1963  
at 2:46 PM  
Paul Sullivan  
COUNTY CLERK & RECORDER  
By [Signature]  
Fee \$ 2.00

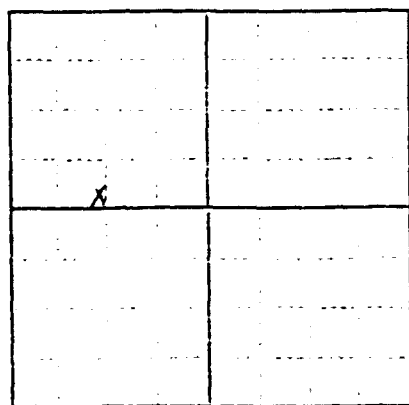
File No. 176  
1890T 25 R 6E 19DUPLICATE #2County DEERSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Alvin R., Southard Address Rte. 2, BozemanDriller Harold H. Hult Address Rt. 1, Bozeman, MontDate of Notice of Appropriation of Groundwater —Date well started Feb 2, 1963 Date Completed Dec 4, 1963Type of well Churn drilled Equipment Used Churn  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 1/2" OP 13 1/4	0	50	none		



N.W. 1/4, Sec. 19 T2S R6E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 10 feet.Shut-in Pressure for Flowing Well —Pumping Water Level 50 feet at 14 gal. per minute.Discharge in gal. per min. of flowing well —How Tested soil Length of Test 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number 47Driller's Signature Harold B. Hult

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

540

1896

SEAL OF VERMONT  
County of Gallatin  
March 19 1965  
Filed 4:10 o'clock P. M.  
at Carl L. Stucky  
COUNTY CLERK & RECORDER  
By *David M. Peterson*  
2.00 Pd. DEPUTY  
Fee \$

Form No. 18  
8-60

19

I. 21 R. 6 E  
County Phillips

MONTANA BUREAU OF MINES AND GEOLOGY  
UNKNOWN Butte, Montana

Water Well Log

		x

Owner Jack L. Stover Address Route 2, Bozeman, Mont.  
Driller Unknown Address Unknown  
Date Started 1944 Date Completed 1944  
Location: Sec. 19 T. 2 R. 6 E  $\frac{1}{4}$  sec. NE  $\frac{1}{4}$

Type of well Drilled Equipment used drill  
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 100 ft. to 150 ft. Type steel Size 6 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: twenty feet feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_  
(date)

Pumping water level 100 feet at 20 gal. per min.

How tested: pumped

Length of test two hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

#347

Dec 89  
11-43  
East Indian  
Treasurer  
Deputy

County Gallatin 19

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Leroy J. Switzer

Address 109 No. 7th Ave

Bozeman, Mont.

Date well started Feb. 16, 1972

completed Feb. 18, 1972

Type of well: Drilled

For Administrator's Use

File # 3056 March 14, 1972  
2:15 p.m.  
GW 1

Equipment used Churn Drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

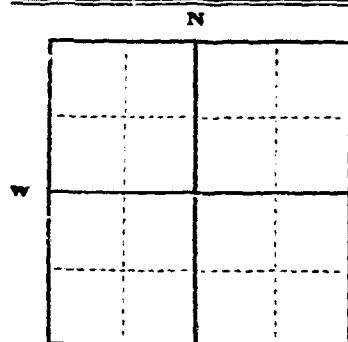
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*Describe**

**USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL \_\_\_\_\_

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	6 5/8" O.D. 17#	2' above Ground	68'	—	—	—



Static water level ..... 18 ..... ft.  
Pumping water level ..... 68 ..... ft.  
at ..... 3.5 ..... gallons per minute,  
measured 12.0 minutes after pumping  
began.

\*Measured from ground level.

Well developed by Pump

for 2 hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,  
packers, type of shut-off) .....

Subdiv. No. 1<sup>st</sup> of Lot 1 Blk 1 of Sour Dough Creek Properties

56 1/4 ..... 1/4 Sec. 19

T. 2. R. 6. E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Gordon C. Jones

Driller's Address 2107 Bridger Dr.

Bozeman, Montana

LICENSE NO. 17

### DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

[illegible]

68 ft. Show exact depth of bottom

50,054



#3056

State of Montana }  
County of Gallatin }  
Filed March 14, 1972  
at 2:15 o'clock P.M.  
By Carl L. Stucky  
County Clerk & Recorder  
By James M. Bridges  
Deputy  
Fee \$ 2.00

61

File No. \_\_\_\_\_

DUPLICATE

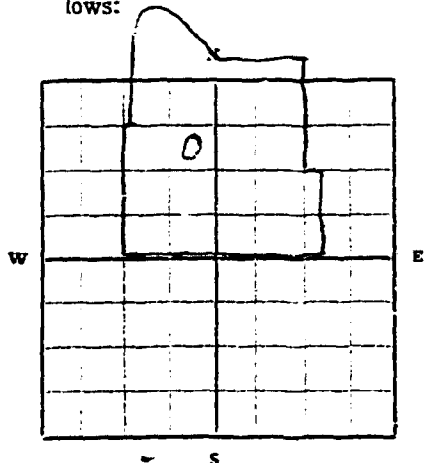
T 22 R 6 E

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

1. VALLEY VIEW GOLF CLUB of Bozeman, Montana  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 1 T. 2 R. 6  
Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based irrigation, domestic and recreation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 30, 1959 continually
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 675 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof E 1/4 NW 1/4, W 1/4 NE 1/4, W 1/4 SE 1/4, of Section 19, and a portion lying south of the County road in SE 1/4 SW 1/4, and in SW 1/4 SE 1/4 of Section 18, Township 2 South of Range 6 East. Valley View Country Club
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By pumping from lake developed in SE 1/4 NW 1/4 of Section 19 Township 2 South of Range 6 East.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 30, 1959--July 30, 1959.
8. The depth of water table From less than 1 foot to over 12 feet being the first water table.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Excavation made into the water table approximately 300 feet long, 150 feet wide and 3 to 12 feet deep. Pumped by portable system using 455 gallons per minute and by permanent pumping unit using 220 gallons per minute.
10. The estimated amount of groundwater withdrawn each year 200 to 400 acre-feet per season as much as 200 days.
11. The log of formations encountered in the drilling of each well if available 1 1/2 - 3 feet loam soil over gravel which contains groundwater.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Have decreed water right in Sour Dough Creek and appropriation of water rights in Nash Spring Creek.

VALLEY VIEW GOLF CLUB

By: Signature of Owner [Signature] Secretary

Date January 14, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

#458

Jan 5-  
9<sup>50</sup> A  
Earl T. Morrow  
2<sup>00</sup> Pd

File No. \_\_\_\_\_

T 2S R 6E

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

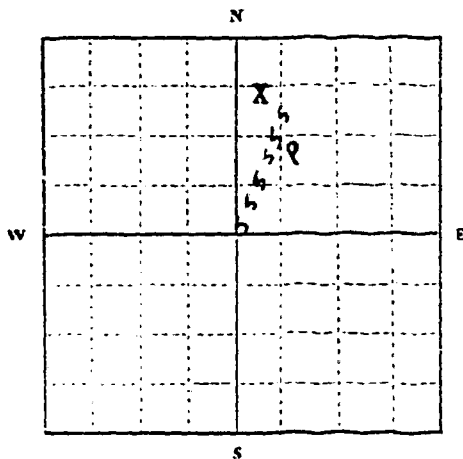
(Under Chapter 237, Montana Session Laws, 1961)

Valley View Golf Club, Incorporated

1 By: Donald A. Nash, its attorney, of Bozeman  
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 19 T 2S R 6E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- A - a well - 45' deep  
B - springs of developed water and pond
- The beneficial use on which the claim is based domestic and irrigation use and recreational use
  - Date or approximate date of earliest beneficial use; and how continuous the use has been Well drilled about 5 years ago (1957) Springs appurtenant & used & developed since. Patent to land issued.

- The amount of groundwater claimed (in miner's inches or gallons per minute) Well - 20 gallons per minute springs run approx. 75" miner's measurement

- If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof Water used on land in N $\frac{1}{2}$  of Sec. 19 Twp. 2S R6E, M.P.M. owned by appropriator as indicated on map at left. Well (X) Springs (S) Pond (p)

- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motor & pump; and spray and surface and sub-irrigation

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Springs have been appurtenant to land since patent thereof and well and pond developed in about 1957.

- The depth of water table 3 feet

- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch casing, 2 inch galvanized and transit pipe

- The estimated amount of groundwater withdrawn each year From well 2,000,000 gallons Springs 75" miner's measurement

- The log of formations encountered in the drilling of each well if available

- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Valley View Golf Club, Incorporated

Signature of Owner  
By Donald A. Nash, its attorney  
Date December 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

35963

7549

Dec 31 1963  
1.57  
Paul Walton  
FAS  
200

File No. ....

DUPLICATE

T. Bozeman  
County GallatinSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground  
(Elev. above sea level.....)

Top Soil & Clay

Gravel & Sand

Clay

Sandy Clay

Sandstone

Gravel & Sand

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Pearl Vollmer Address BozemanDriller M.E. Jones Address Bozeman

Date of Notice of Appropriation of Groundwater.....

Date well started Feb. 13, 1962 Date Completed Feb. 15, 1962Type of well Drilled Equipment Used Churn Drill  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. x 15' 1 1/2" I.D. 6' 1 1/2"					

Static Water Level for non-flowing Well 3 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 65 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested Pump Length of Test 24 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number 17Driller's Signature Milton E. Jones

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

State of Montana } ss.  
County of Gallatin }

Filed June 29, 1962  
at 10:20 o'clock A.M.

Earl Wallen  
COUNTY CLERK & RECORDER

By R. S. Stein  
DEPUTY

Fee \$ 2.00

Form No. 18  
8-60

23

T. 25 R. 25  
County Butte

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water well Log


Owner Paul H. Casing Address RT 1, Bigman, Mont  
Driller McKee Address Conhattan, Mont  
Date Started 15-45 Date Completed 1-95  
Location: Sec. 20 T. 25 R. 25  $\frac{1}{4}$  sec. SE 1/4 S. 20

Type of well X (Dug, driven, or drilled) Equipment used X (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒ GARDEN  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 250 ft. to \_\_\_\_\_ ft. Type steel Size 4 in.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations none

Static water level, for non-flowing well: surface 100' feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min. \_\_\_\_\_

How tested: \_\_\_\_\_

Length of test Well pump continuously for 3 days with pressure

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)



#383

Gallatin County, }  
State of Montana. } ss.  
Filed Dec 29 1961  
at 7:44 o'clock P. M.  
Carl Holman  
COUNTY CLERK & RECORDER  
By Alt. H. H. H. H.  
DEPUTY  
Fee \$ 1.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Department of Lands & Investments

Address Helena, Montana

Date well started June 16, 1971  
completed June 22, 1971

For Administrator's Use	
File	<u>5982</u>
	<u>June 30, 1971</u>
	<u>2:40 PM</u>
GW 1	

Type of well drilled  
(Aug. driven, bored or drilled)

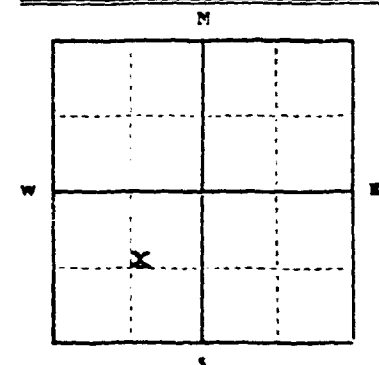
Equipment used Cable Tool  
(Cable drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	
				Kind Size	From (Feet) To (Feet)
6"	12.84	+2	136' 11"	11' 5"	Perforated Plastic Liner 138' 143'



Static water level 125 ft.  
Pumping water level 130 ft.  
at 30 gallons per minute,  
measured        minutes after pumping began.  
\*Measured from ground level.  
Well developed by surge & swell  
for 2 hours.  
Power        Pump        HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Sec. 21  
T. 2 N. R. 6 E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Robert A. Potts  
Driller's Address Potts Drilling and Development

Route 1., Bozeman, Montana  
LICENSE NO. 150

County Gallatin 21

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	4	Topsoils
4	8	Coarse clay overburden
		blended with large angular rock
8	57	Clay "chitty"
57	59	Shale (Med Hard)
59	85	Clay
85	106	Claybound sandstone
106	116	Sandstone dirty claybound
		Sand and gravel
116	126	Slippy clay
125		Static water level
126	140	Dirty clay, Sand & gravel

143 Show exact depth of bottom

#2982

State of Montana )  
County of Gallatin ) ss.  
Filed June 30, 1971  
at 2:30 o'clock P.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Lucille A. Bridger  
Deputy  
Fec \$

File No. 1878

T 2 S R 6 E 21

DUPLICATE

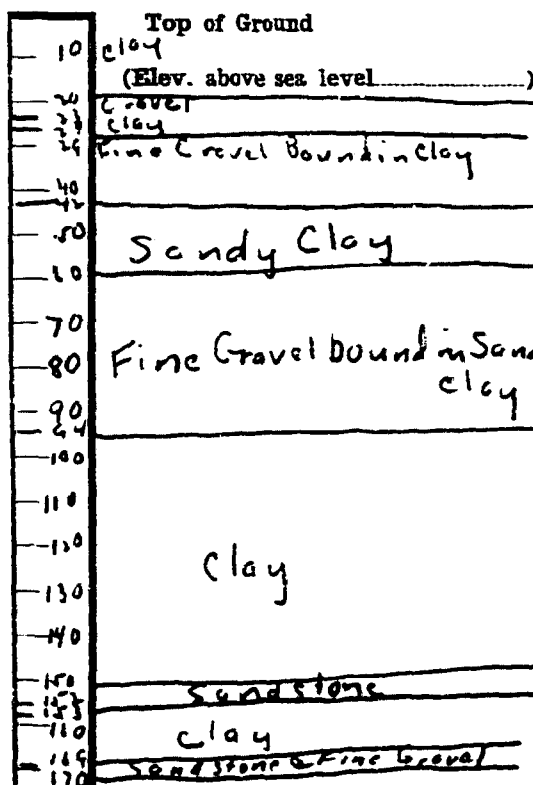
County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

NOV 1 1964

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner Paul K. Dudley Address Box 522 - Bozeman, Mont.  
Driller Donald C. Jones Address 7103 - Bridge Drive Bozeman

Date of Notice of Appropriation of Groundwater Oct. 26, 1964

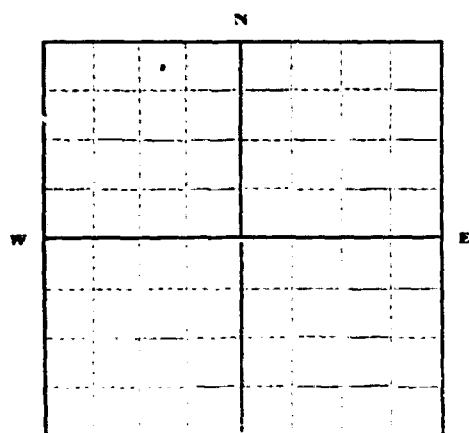
Date well started Feb. 15, 1964 Date Completed Mar. 6, 1964

Type of well Drilled Equipment Used Churn Drill  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	6 1/8" 50 lb. Black Steel					



Section 21 T 2S R 6E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 90 feet.

Shut-in Pressure for Flowing Well Not applicable

Pumping Water Level 170 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well Not applicable

How Tested Pump Length of Test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

17  
Driller's License Number

Donald C. Jones  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

28649

#1878

State of Montana | ss.  
County of Gallatin |  
November 10 1964  
Filed \_\_\_\_\_ 1964  
at 4:00 P. M.  
Clerk L. \_\_\_\_\_  
COUNTY CLERK & RECORDER  
By \_\_\_\_\_  
2.00 Pd. DEPUTY  
Fee \$ \_\_\_\_\_

File No. ....

T 2 S R 6 E

DUPLICATE

County Gallatin

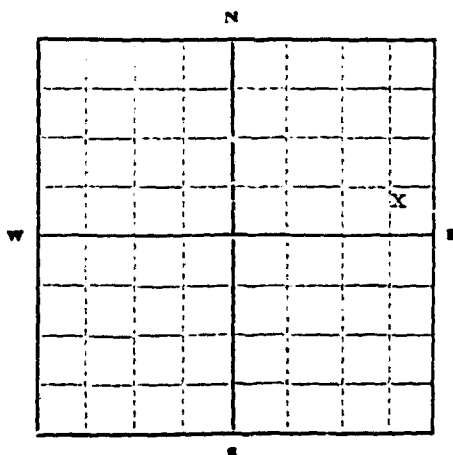
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 21 1962

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. W. LILLARD of Box 713 Bozeman  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 21 T. 2S. R. 6E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres

2. The beneficial use on which the claim is based.....  
Domestic and stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....1880; continuous thereafter
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....  
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....Springs with shallow well to collect water. Withdrawal by well for domestic use and gravity flow for stock water
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....1880
8. The depth of water table.....surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....4 feet square; 14 feet deep
10. The estimated amount of groundwater withdrawn each year.....500,000 gallons
11. The log of formations encountered in the drilling of each well if available.....  
dirt down to hardpan
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner.....

Date.....December 21, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

567



RECEIVED  
OFFICE OF THE  
SHERIFF

Dec. 21, 1962

12:40 PM  
J. J. [unclear]

[Signature]

cc 720

File No. \_\_\_\_\_

T2 2nd R. 6 E

DUPLICATE

County Gallatin

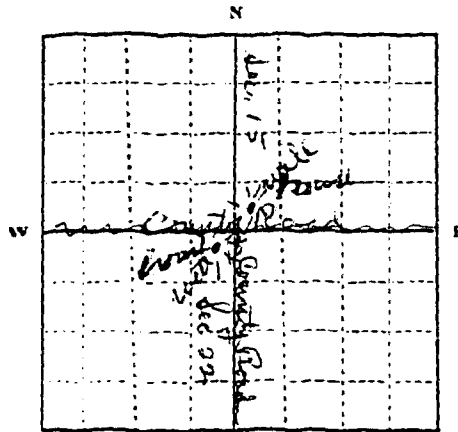
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alice Carmack Barnett, of Route #2 Box 217 Bozeman  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 15

N.E. 1/4 Sec. 22 T.25 R.6E

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based water wells used for household, yard, garden, etc.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1880 and continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gal per minute for each well
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof used to irrigate corn and potatoes on both places Alice Carmack Barnett
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well at each house pumped by electric pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1880 on both wells
8. The depth of water table 40 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. each casing 40 ft deep
10. The estimated amount of groundwater withdrawn each year 200,000 gallons
11. The log of formations encountered in the drilling of each well if available. Don't know
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No record to my knowledge

Signature of Owner Alice Carmack BarnettDate 12-29-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33440



1305

State of Illinois  
County of Cook  
No. 1530 1963  
Date 1-13 P.M.  
Earl M. [illegible]  
[illegible] [illegible]  
Shirley J. [illegible]  
[illegible]

File No. \_\_\_\_\_

T. 2 S. R. 4 E.

DUPLICATE

County. Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

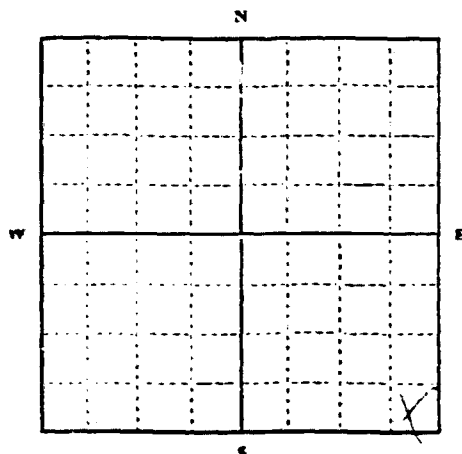
RECEIVED  
DEC 27 1963  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. W. J. Miller, Jr., of \_\_\_\_\_, of \_\_\_\_\_  
(Name of Appropriator) (Address) (Town)

County of Blaine State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 12 T. 2 S. R. 4 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based: Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. From 1900 to present
4. The amount of groundwater claimed (in miner's inches or gallons per minute) \_\_\_\_\_
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof \_\_\_\_\_
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand-dug well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900 to 1905
8. The depth of water table \_\_\_\_\_
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater \_\_\_\_\_
10. The estimated amount of groundwater withdrawn each year 200 to 700 gpm
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record \_\_\_\_\_

Signature of Owner W. J. Miller, Jr.  
Date Dec 27 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13333

1048

State of Montana / ss.  
County of Gallatin /  
Filed Dec 26 1962  
at 3:31 o'clock P. M.  
Carl Walton  
COUNTY CLERK & RECORDER  
By [Signature]  
DEPUTY  
Fee \$ 2.75

Form No. 18  
8-60

22

T. 25 R. 6E  
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water well log


Owner Chester Jensen, Jr. Address Bozeman  
Driller unknown Address \_\_\_\_\_  
Date Started " Date Completed unknown  
Location: Sec. 22 T. 2 R. 6E  $\frac{1}{4}$  sec. SW  $\frac{1}{4}$  - 16 acres

Type of well Drilled Equipment used drill  
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 70 ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_  
(date)

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min. \_\_\_\_\_

How tested \_\_\_\_\_

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

#336

Gallatin County, }  
State of Montana. } ss.  
Filed Dec 29 1961  
at 9:42 o'clock AM  
Carl Wilson  
COUNTY CLERK & RECORDER  
By Paul M. Mayfield  
DEPUTY  
Fee \$ 7.00

22

File No. \_\_\_\_\_

T 25 R 6E

DUPLICATE

County Gallatin

LOG

**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER CODE**  
**STATE WATER CONSERVATION BOARD**

**Notice of Completion of Groundwater**  
**Appropriation by Means of Well**  
**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

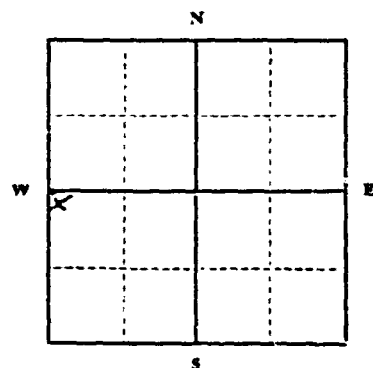
Owner Chester Jensen & Evalene M. Jensen  
Address Bozeman, Mont.Driller VAN DYKEN DRILLING CO. Address BOZEMAN, MONT.Date of Notice of appropriation of groundwater noneDate well started Aug 20, 1968 Date completed Aug. 22, 1968Type of well Drilled Equipment used Cable tools.  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground  
 (Elev. above sea level \_\_\_\_\_)

0' - 19' Clays dry.  
 19' - 23' Gravels dry.  
 23' - 27' Clays dry.  
 27' - 30' Sand and gravels.  
       Wet.  
 30' - 42' Clays. dry.  
 42' - 60' Sandy clays. Wet.  
 60' - 62' Claybound gravels.  
       Wet.  
 62' - 64' Soft sandstone.  
       Little water.  
 64' - 75' Sandy clays.  
       Wet.  
 75' - 78' 6" Sand and gravels.  
       Water.  
  
       T.D. 78' 6"

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kelid Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 17# per ft.	0'	78		none	



NW 1/4 Sec. 22, T.25, R.6E  
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 43' feet.Shut-in Pressure for Flowing Well nonePumping Water Lev. 63' feet  
at 16 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested BailerLength of Test 1 hr.Remarks: (Gravel packing, cementing, packers, type of shutoff) Puddled clays  
shutoff outside of casing  
from 0' to 77'

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located. tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

LICENSE NO. 1

Driller's License Number

*Bert Van Dyken*  
 Driller's Signature  
**BERT VAN DYKEN**

45,211

2221

State of Montana )  
County of Gallatin ) ss.  
Filed February 19, 1969  
at 11:15 o'clock A.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Alta M. Hargan  
Deputy  
File # 204 Pdt

RECEIVED

20-65 - 22  
County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Charlette Arthur Koch

Address Route #2.  
Bozeman, Montana

Date well started Dec. 25, 71  
completed Jan. 5, 1972

For Administrator's Use	
File	<u>3040 Jan. 17, 1972</u>
	<u>9:15 AM</u>
GW 1	

Type of well drilled  
(Dug, driven, bored or drilled)

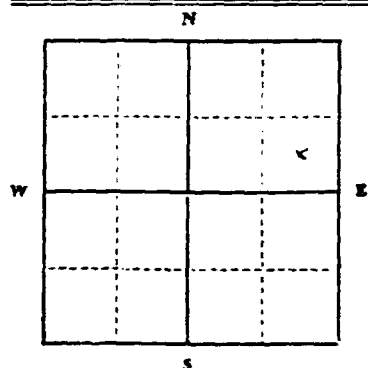
Equipment used cable tool  
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6"</u>	<u>17#</u>	<u>+8"</u>	<u>37' 2"</u>			



Static water level 2 ft.  
Pumping water level 17 ft.  
at 20 gallons per minute,  
measured        minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by 2000  
for 2 hours.  
Power        Pump        HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

SE 1/4 Sec. 92  
T. 2 R. 6 E.  
15

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Phyllis Potts

Driller's Address Potts Drilling and Developing

Route #1, Bozeman, Montana

LICENSE NO. 150

57 ft. Show exact depth of bottom

49,262

DRILLER'S LOG  
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>1</u>	<u>19</u>	<u>Clay, gravel</u>
<u>19</u>	<u>23</u>	<u>Clay, gravel sand</u>
<u>23</u>	<u>34</u>	<u>Clay, sloppy</u>
<u>34</u>	<u>37</u>	<u>Sand and Gravel</u>
<u>2</u>	<u>ft.</u>	<u>Static water level</u>



3040

State of Montana }  
County of Gallatin } ss.  
Filed Jan 17, 1972  
at 9:15 o'clock A.M.  
Earl W. Leach  
County Clerk & Recorder  
By Alta M. Hargan  
Deputy  
Fee \$ 2.00

Form No. 18  
8-60

27

T. 2S R. 6E  
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

ENGINEER


Owner Koch, Arthur L. & Charlotte S. Address Rural Route #4  
Bozeman, Montana  
Driller Burrell & Tomlinson Address Logan, Montana  
Date Started 10-9-1955 Date Completed 10-10-1955  
Location: Sec. 22 T. 2S R. 6E  $\frac{1}{4}$  sec. SE

Type of well drilled Equipment used drill  
(Dig, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Casing: 34 ft. to 184 ft. Type steel Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level \_\_\_\_\_ feet at 2,600 gal. per hr.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

# Log of Well

[illegible]

# 341

Form No. 18  
8-60

22

T. 21 R. 6E  
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Koch, Arthur L. & for Charlotte S. Bozeman, Montana Address Rural Route 14, Bozeman, Montana  
Driller Burrell & Tomlinson Address Logan, Montana  
Date Started 10-11-1955 Date Completed 10-12-1955  
Location: Sec. 22 T. 2S R. 6E  $\frac{1}{4}$  sec. SE

Type of well drilled (dig, driven, bored, or drilled) Equipment used drill (chain, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 0 ft. to 25 ft. Type steel Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (gate)

Pumping water level \_\_\_\_\_ feet at nine (9) gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)